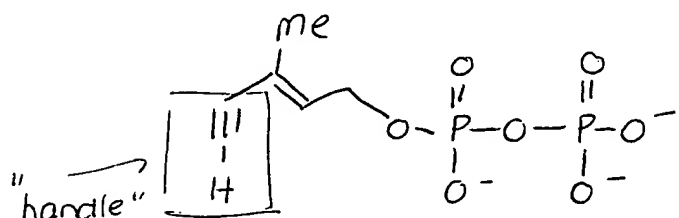
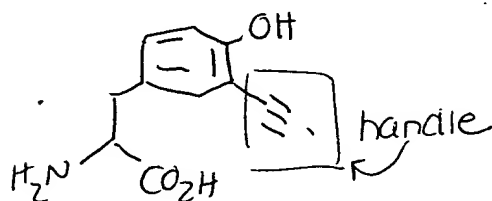
[illegible]

Essential Starter units (w/ functional handles)

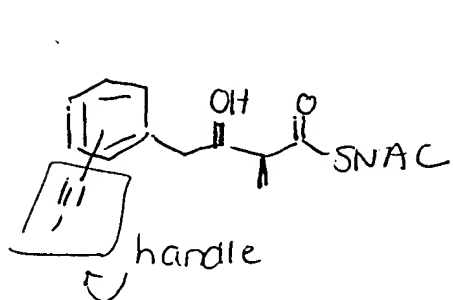
① Terpene-based pathway



② Amino-acid based pathway



③ Polyketide pathway



OR

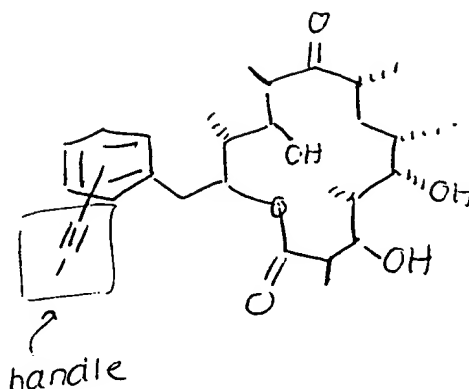


Figure 2

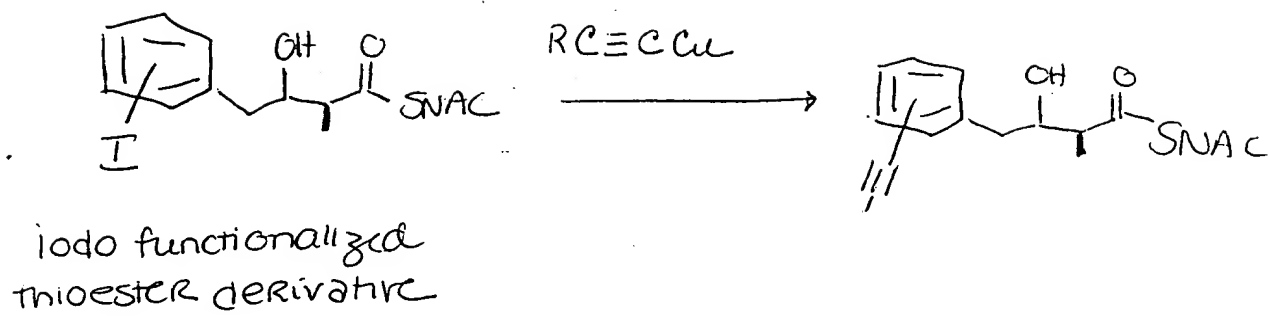


Figure 3

Combinatorial Biology

Modular Biosynthetic Enzymatic machinery

Genetic manipulation

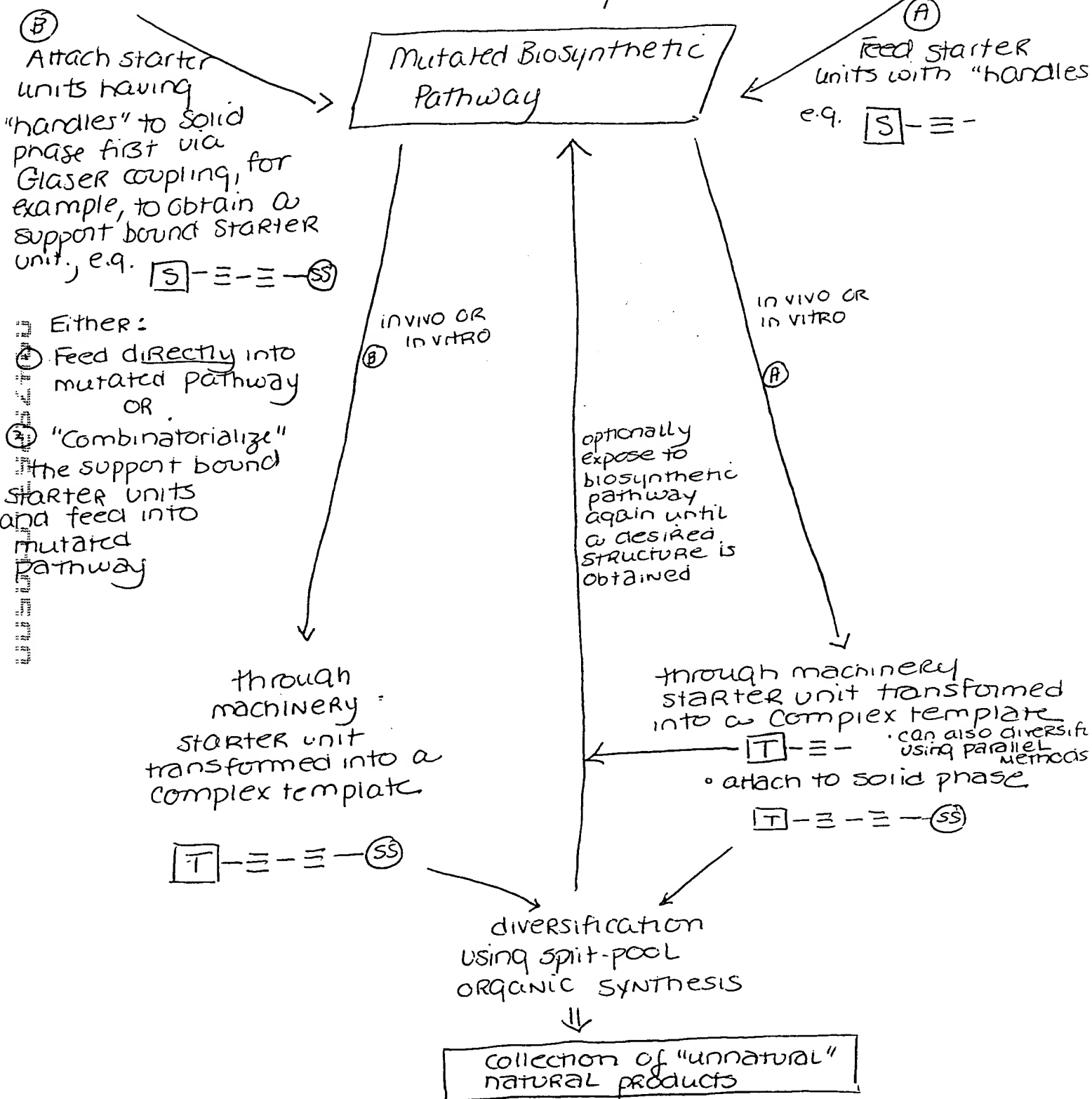
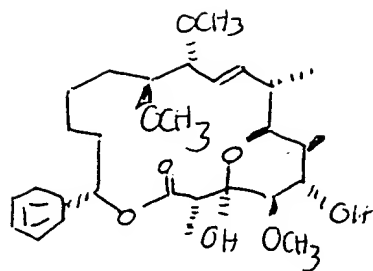
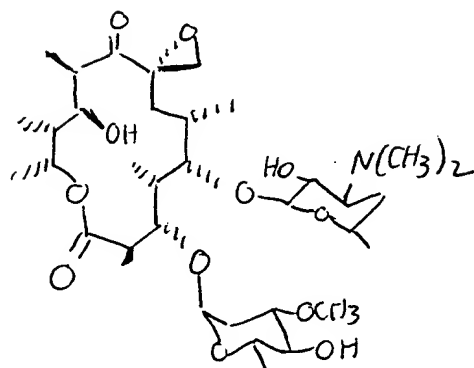


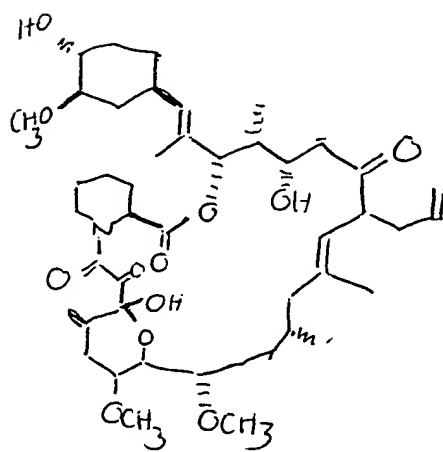
FIGURE 4



Soraphen(A)



Oleandomycin



FK 506

Figure 5